

## IN THE CLAIMS

Claims 1-10 (Cancelled).

11. (Currently amended) A fixture shaped and configured to be screwed firmly into  
2 bone tissue, said fixture comprising:  
a generally cylindrical anchoring portion formed with an insertion end and having an  
4 external screw thread, a cavity which opens out at said insertion end, and ~~a number of three~~  
through-penetrating slots extending from said insertion end, wherein each slot connects the  
6 cavity with the outside of said anchoring portion and wherein each slot is defined by a leading  
slot wall and a trailing slot wall where said leading and trailing slot walls relate to the direction  
8 of rotation defined by said screw thread when screwing in the fixture, wherein at least the  
radially outermost part of said trailing slot wall defines an angle  $\alpha$  with the radial direction and  
10 slopes obliquely forwardly from within and outwardly in said direction of rotation, the angle  $\alpha$   
being 20°-40° at the radially outer end of the trailing slot wall.

12. (Previously presented) The fixture according to claim 11, wherein the whole of  
2 the trailing slot wall defines the same angle  $\alpha$ .

13. (Previously presented) The fixture according to claim 12, wherein said leading  
2 slot wall also slopes obliquely forward from within and outward in said direction of rotation.

14. (Previously presented) The fixture according to claim 13, wherein said leading  
2 and trailing slot walls are parallel with one another.

15. (Cancelled)

16. (Previously presented) The fixture according to claim 12, wherein the angle  $\alpha$  is  
2 20°-40° at the radially outer end of the trailing slot wall.

17. (Previously presented) The fixture according to claim 13, wherein the angle  $\alpha$  is  
2 20°-40° at the radially outer end of the trailing slot wall.

18. (Previously presented) The fixture according to claim 14, wherein the angle  $\alpha$  is  
2 20°-40° at the radially outer end of the trailing slot wall.

19. (Previously presented) The fixture according to claim 11, wherein the angle  $\alpha$  is  
2 27°-33° at the radially outer end of the trailing slot wall.

20. (Previously presented) The fixture according to claim 12, wherein the angle  $\alpha$  is  
2 27°-33° at the radially outer end of the trailing slot wall.

21. (Cancelled)

22. (Previously presented) The fixture according to claim 12, wherein the slots are 3-  
2 10 in number.

23. (Previously presented) The fixture according to claim 15, wherein the slots are 3-  
2 10 in number.

24. (Previously presented) The fixture according to claim 11, wherein the slots are 5-  
2 7 in number.

25. (Previously presented) The fixture according to claim 12, wherein the slots are 5-  
2 7 in number.

26. (Previously presented) The fixture according to claim 15, wherein the slots are 5-  
2 7 in number.

27. (Previously presented) The fixture according to claim 11, wherein the cavity is  
2 circular in cross-section and widens conically in a direction toward said insertion end.

28. (Previously presented) The fixture according to claim 12, wherein the cavity is  
2 circular in cross-section and widens conically in a direction toward said insertion end.

2 29. (Previously presented) The fixture according to claim 13, wherein the cavity is  
circular in cross-section and widens conically in a direction toward said insertion end.

2 30. (Previously presented) The fixture according to claim 11, wherein the slot width  
at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between  
two slots on the outside of the fixture.

2 31. (Previously presented) The fixture according to claim 12, wherein the slot width  
at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between  
two slots on the outside of the fixture.

2 32. (Previously presented) The fixture according to claim 13, wherein the slot width  
at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between  
two slots on the outside of the fixture.

2 33. (Previously presented) The fixture according to claim 27, wherein the slot width  
at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between  
two slots on the outside of the fixture.

2 34. (Previously presented) The fixture according to claim 11, wherein that the fixture  
is made of titanium.

35. (Cancelled)